

Baseline Survey - Research and Support to Maize Fertilization Program (PIAFEM [for its acronym in Spanish])

Date (dd/mm/yyyy): __ __ - __ __ - __ __ __ __	Editor's ID: __ __ __
Enumerator's name:	Enumerator's ID: __ __ __
Start (HH:MM): __ __ : __ __	End (HH:MM): __ __ : __ __

INFORMED CONSENT

QUÉ FUNCIONA PARA EL DESARROLLO, a non-profit organization dedicated to evaluate social programs and ITAM researchers are implementing the evaluation phase of the pilot of the program of research and support to the fertilization of maize, PIAFEM, 2015. We would like to gather information about your farming practices and your plots. This information is strictly confidential and will be used only for statistical purposes to improve the design of the support program. Your name will not be published along with identifiable information. Your participation is voluntary and you can choose to answer or not, any of the questions

Apart from this survey we will make visits to your plot during the program implementation. Remember that answering this survey is entirely voluntary. If you feel that a question is too sensitive, you may choose not to answer it.

Is it clear that you have the right to participate or not in this survey?
 1. YES 2. NO -> **Explain again and ask again until the information is clear**

GENERAL INSTRUCTIONS FOR THE ENUMERATOR:

- **BE CAREFUL WITH UNITS FOR SOME QUESTIONS REQUIRE TOTAL AMOUNTS AND OTHERS PER HECTARE.**
- **IF RESPONDENT DOES NOT KNOW THE ANSWER TO A QUESTION WRITE -888 AND IF HE/SHE DECIDES NOT TO RESPOND WRITE -999 AND IF NOT APPLICABLE WRITE -777**
- **TABLES WITH QUESTIONS BY PLOT, MAKE ALL QUESTIONS FOR EACH PLOT AND THEN GO TO NEXT PLOT (DO NOT POSE EACH QUESTION FOR ALL PLOTS AT A TIME).**
- **INDICATIONS FOR THE ENUMERATOR ARE HIGHLIGHTED AND ARE NOT READ TO THE PRODUCER.**

IF THE PRODUCER IS OLDER AND A RELATIVE/ TENANT WORKS HIS PLOT LONG AGO. REQUIRE THE ASISTANCE OF THE OTHER PERSON DURING THE SURVEY TO ANSWER QUESTIONS ABOUT CROP PRACTICES

ENUMERATOR COMMENTS: _____

 EDITOR COMMENTS: _____

In return I received a 'machete'

Producer's signature

2. LAND POSSESSION AND CHARACTERISTICS OF THE PLOT REGISTERED IN THE PROGRAM

2.1 Property and Land Productivity 2014

2.1.1	How many plots did you work as owner or tenant in 2014?	__ __ __	<input type="checkbox"/> -888 NS	<input type="checkbox"/> -999 NR
2.1.2	How many total hectares did you work as owner or tenant in 2014?	__ __ __	<input type="checkbox"/> -888 NS	<input type="checkbox"/> -999 NR
2.1.3	Do you usually follow the same preparation and fertilization practices in all maize plots?	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR		
2.1.4	How many total maize hectares did you plant in 2014 as owner or tenant?	__ __ __	<input type="checkbox"/> -888 NS	<input type="checkbox"/> -999 NR
2.1.5	How many total tons of maize did you harvest in 2014 as owner or tenant?	__ __ __	<input type="checkbox"/> -888 NS	<input type="checkbox"/> -999 NR

2.2 Characteristics of the plot registered in the program

ENUMERATOR READ: I will now ask some questions about the general characteristics of the plot you registered in the PIAFEM

2.2.1. What is the name of the plot you registered in the program? [NAME]	2.2.2. How many hectares does the plot [NAME] have? __ __	2.2.3. How can we get to your plot [NAME] ? (ENUMERATOR ASK WHICH ROAD LEADS TO THE PLOT, ANY REFERENCES, I.E. RAVINE, TREES, RANCH, PLANTATION, ETC)	2.2.4. How far, in minutes by car, is the plot [NAME] from a path accessible by car? __ __ __ __ mins by car.	2.2.5. How far, in minutes by car, is the plot [NAME] from the nearest fertilizer supplier? __ __ __ __ mins by car	2.2.6. How far, in minutes by car, is the plot [NAME] from the nearest machinery lessor? __ __ __ __ mins by car <input type="checkbox"/> -777 Does not rent Machinery	2.2.7. How far, in minutes walking, is the plot [NAME] from the nearest plot where maize is grown? __ __ __ __ mins walking <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	2.2.8. Do you have the property title to you plot [NAME] ? <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR
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2.2.9. Are you the one who decides how to work this plot?	2.2.10. Are you the one who receives the profits of this plot's production?	2.2.11. Which crop will you establish in the 2015 in this plot WRITE ALL	2.2.12. How will you sow?	2.2.13. In which date will you plant maize on this plot in 2015? (ASK ONLY IF HE ANSWERED MAIZE ON THE PREVIOUS QUESTION)	2.2.14. How many tons of maize per hectare did you produce in 2013 in this plot?	2.2.15. What was the total maize production in the plot in 2013 ?
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<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	<input type="checkbox"/> 1. Maize <input type="checkbox"/> 2. Oatmeal <input type="checkbox"/> 3. Wheat <input type="checkbox"/> 4. Barley <input type="checkbox"/> 5. Beans <input type="checkbox"/> 6. Sorghum <input type="checkbox"/> 7. Tomato <input type="checkbox"/> 8. Pumpkin <input type="checkbox"/> 9. Other (SPECIFY) _____	<input type="checkbox"/> 1. Separated <input type="checkbox"/> 2. Mixed <input type="checkbox"/> -777 will plant only maize <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	Between ____/____/2015 and ____/____/2015 <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	__ __ . __ ton/ha <input type="checkbox"/> -777 Did not plant maize	__ __ . __ ton <input type="checkbox"/> -777 Did not plant maize in 2013
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2.2.16. Please indicate everything grown in this plot in the 2014 Spring-Summer Cycle		2.2.17. How many hectares did you plant of each of the previous crops in the 2014 SPRING-SUMMER cycle?		2.2.18. How did you sow?	2.2.19. How many hectares of maize did you sow in 2014?	2.2.20. How many tons of maize per hectare did you produce in 2014 in this plot?	2.2.21. What was the total maize production in the plot in 2014?	2.2.22. Why did you choose this plot? ENUMERATOR ENTER THE ANSWER LITERALLY GIVEN BY THE PRODUCER AND ENCODE
1. Maize 2. Oatmeal 3. Wheat 4. Barley 5. Beans	6. Sorghum 7. Tomato 8. Pumpkin 9. Other (Specify)							
A. __	A. __ has <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	<input type="checkbox"/> 1. Separated <input type="checkbox"/> 2. Mixed <input type="checkbox"/> -777 He/She planted one crop or Did not plant <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR		__ __ has	__ __ . __ ton/ha <input type="checkbox"/> -777 Did not plant maize	__ __ . __ ton <input type="checkbox"/> -777 Did not plant maize		<input type="checkbox"/> 1 It is the most productive <input type="checkbox"/> 2 It is the least productive <input type="checkbox"/> 3 It is where maize was planted <input type="checkbox"/> 4 It is the one for which I owe a title or leasing agreement <input type="checkbox"/> 5 Is the only available plot <input type="checkbox"/> 6 Other (specify)
B. __	B. __ has <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR							
C. __	C. __ has <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR							
D. __	D. __ has <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR							
E. __	E. __ has <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR							
<input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	<input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR							

3. AGRICULTURAL PRACTICES

Filter

OBJECTIVE: SELECT PLOT TO ASK ABOUT AGRICULTURAL PRACTICES OF MAIZE CROP IN PREVIOUS YEARS.

3.1.2. During SPRING-SUMMER (YEAR) cycle did you conduct soil preparation activities in this plot?	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No →Go to 3.1.										
3.1.3. How many times each activity? ENUMERATOR: ENTER 0 IF HE/SHE DID NOT MAKE OTHER ACTIVITY	<table> <tr> <td>1. Rastra/ pre-fallow</td> <td>1. __ __ <input type="checkbox"/>-888 NS <input type="checkbox"/>-999 NR</td> </tr> <tr> <td>2. Subsoiling</td> <td>2. __ __ <input type="checkbox"/>-888 NS <input type="checkbox"/>-999 NR</td> </tr> <tr> <td>3. Fallow</td> <td>3. __ __ <input type="checkbox"/>-888 NS <input type="checkbox"/>-999 NR</td> </tr> <tr> <td>4. Hoeing</td> <td>4. __ __ <input type="checkbox"/>-888 NS <input type="checkbox"/>-999 NR</td> </tr> <tr> <td>5. Other (SPECIFY)</td> <td>5. __ __ <input type="checkbox"/>-888 NS <input type="checkbox"/>-999 NR</td> </tr> </table>	1. Rastra/ pre-fallow	1. __ __ <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	2. Subsoiling	2. __ __ <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	3. Fallow	3. __ __ <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	4. Hoeing	4. __ __ <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	5. Other (SPECIFY)	5. __ __ <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR
1. Rastra/ pre-fallow	1. __ __ <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR										
2. Subsoiling	2. __ __ <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR										
3. Fallow	3. __ __ <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR										
4. Hoeing	4. __ __ <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR										
5. Other (SPECIFY)	5. __ __ <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR										

3.1.4. What kind of maize seed did you plant in the (YEAR) cycle? RECORD ALL THAT APPLY	3.1.5. What kind of seed did you use in (YEAR)? SHOW CATALOGUE	3.1.6. How many seeds did you sow per hectare? (quantity/ha)	3.1.7. Register unit	3.1.8. How much of these seeds was purchased?	3.1.9. Register unit	3.1.10. In what area (size) of the plot did you plant this seed in the cycle SPRING-SUMMER (YEAR)	3.1.11. How much distance did you leave between each row?	3.1.12. How much distance did you leave between each plant?	3.1.13. How deep was the seed left?
<input type="checkbox"/> 1. Creole <input type="checkbox"/> 2. Hybrid ENUMERATOR: FIRST ASK FOR THE CREOLE THEN FOR THE HYBRID	Creole: _____ Hybrid: _____	Creole: __ __ __ __	Creole: <input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Thousands/ha	Creole: __ __ __ __	Creole: <input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Thousands/ha	Creole: __ __ __ __ ha	Creole: __ __ __ cm <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	Creole: __ __ __ cm <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	Creole: __ __ __ cm <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR
		Hybrid: __ __ __ __	Hybrid: <input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Thousands/ha	Hybrid: __ __ __ __	Hybrid: <input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Thousands/ha	Hybrid: __ __ __ __ ha	Hybrid: __ __ __ cm <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	Hybrid: __ __ __ cm <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	Hybrid: __ __ __ cm <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR

3.1.14. How much money did you spend on seeds in total?	3.1.15. On what date did you sow?	3.1.16. How did you sow?	3.1.17. Was the mechanical drill own or rented?	3.1.18. What kind of machinery did you use? RECORD ALL THAT APPLY	3.1.19. How much per hectare did the machinery rental cost?	3.1.20. How much per hectare did the fuel cost?
__ __ __ __ MXN	____/____/2014 <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	<input type="checkbox"/> 1. Manual →Go to the next section. <input type="checkbox"/> 2. Mechanical Sowing <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Own <input type="checkbox"/> 2. Rented <input type="checkbox"/> -777 Does not apply	<input type="checkbox"/> 1 Precision <input type="checkbox"/> 2 Semiprecision <input type="checkbox"/> -777 Does not apply	__ __ __ __ MXN <input type="checkbox"/> -777 Does not apply	__ __ __ __ MXN <input type="checkbox"/> -777 Does not apply

3.2 Fertilization during sowing

3.3.0 Now I will show you a table with chemical fertilizers' names, have you ever applied any of these fertilizers at sowing? ENUMERATOR: SELECT ONLY THE FERTILIZERS USED	<input type="checkbox"/> A Urea or White <input type="checkbox"/> B DAP or Black <input type="checkbox"/> C KCL o Red <input type="checkbox"/> D Granubor or Boron	<input type="checkbox"/> E Ammonium sulfate <input type="checkbox"/> F Soil improvers <input type="checkbox"/> G Other (SPECIFY) _____ <input type="checkbox"/> I He never used any
3.3.1 Did you apply organic fertilizers before sowing in the SPRING-SUMMER (YEAR) cycle?	<input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No	

3.3.2 Did you apply organic fertilizers during sowing in the SPRING-SUMMER (YEAR) cycle?	<input type="checkbox"/> 1 Yes	<input type="checkbox"/> 2 No
3.3.3 Did you apply chemical fertilizers during sowing in the SPRING-SUMMER (YEAR) cycle?	<input type="checkbox"/> 1 Yes	<input type="checkbox"/> 2 No →Go to section 3.3

ENUMERATOR READ: Now I want to ask you about the fertilizers you used during sowing at your plot (Name) _____

[Fertilizer]	3.3.4 Did you use [fertilizer] during sowing in cycle Spring Summer (YEAR)	3.3.5 How much [fertilizer] did you apply at sowing per hectare?	3.3.6 Unit	3.3.7 What was the total cost per hectare of [fertilizer]?	3.3.8 Was the application manual or mechanical?	3.3.9 How did you get it? ENUMERATOR CHECK ALL THAT APPLY	
A) Urea or White	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No →NEXT FERTILIZER <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
B) DAP or Black	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No →NEXT FERTILIZER <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased in cash from distributor at normal price <input type="checkbox"/> 2. Purchase government subsidized price	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
C) KCL o Red	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No →NEXT FERTILIZER <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchase from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
D) Granubor or Boron	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No →NEXT FERTILIZER <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchase from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
E) Ammonium sulfate	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No →NEXT FERTILIZER <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchase from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
F) Soil improvers	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No →NEXT FERTILIZER <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchase from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
G) Other _____ (See catalogue)	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No →NEXT FERTILIZER <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchase from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____

3.3 Fertilization during crop development

CROP DEVELOPMENT

3.3.0.1 Now I will show you a table with names of chemical fertilizers, can you tell me if you ever applied some of these fertilizers in the first fertilization after sowing? ENUMERATOR: SELECT ONLY THE FERTILIZERS USED	<input type="checkbox"/> A Urea or White <input type="checkbox"/> B DAP or Black <input type="checkbox"/> C KCL o Red <input type="checkbox"/> D Granubor or Boron	<input type="checkbox"/> E Ammonium sulfate <input type="checkbox"/> F Soil improvers <input type="checkbox"/> G Other (SPECIFY) _____ <input type="checkbox"/> I He never used any
3.3.0.2 Did you apply chemical fertilizers sometime during crop development in Spring Summer Cycle (YEAR)?	<input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No → Go to 3.3.0.3	
3.3.0.3 How many times did you fertilize during crop development in the Spring Summer Cycle (YEAR)?	__ __ ENUMERATOR: DEPENDING ON NUMBER OF FERTILIZATIONS MADE YOU MUST COMPLETE SECTIONS 3.3.1, 3.3.2 Y 3.3.3 ACCORDINGLY. IF THE NUMBER OF FERTILIZATIONS IS 0 (ZERO) ANSWER	
3.3.0.4 On which dates did you fertilize?	1. 1st Fertilization after sowing Date ___/___/2014 2. 2nd Fertilization after sowing Date ___/___/2014 3. 3rd Fertilization after sowing Date ___/___/2014	
3.3.0.5 Did you apply chemical fertilizer at least once during crop development in the SS Cycle (YEAR) besides sowing in the SPRING-SUMMER (year) cycle?	<input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No → Go to 3.4 WORK	

ENUMERATOR READ: Now I want to ask you about fertilizer use in the first fertilization did after sowing in your plot (Name)_____

3.3.1 First fertilization after sowing

[Fertilizer]	3.3.1.1 Used [fertilizer] during the 1st fertilization after sowing in SS (year) C	3.3.1.2 How much [fertilizer] did you apply in the 1st fertilization after sowing per hectare?	3.3.1.3 Unit	3.3.1.4 What was the total cost per hectare of [fertilizer]?	3.3.1.5 The application was manual or mechanical?	3.3.1.6 How did you get it? ENUMERATOR CHECK ALL THAT APPLY	
A) Urea or White	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> 888 NS <input type="checkbox"/> 999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other _____
B) DAP or Black	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> 888 NS <input type="checkbox"/> 999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other _____
C) KCL o Red	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> 888 NS <input type="checkbox"/> 999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other _____
[Fertilizer]	3.3.1.7 Used [fertilizer] during the 1st fertilization after sowing in SS (year) C	3.3.1.3 How much [fertilizer] did you apply in the 1st fertilization after	3.3.1.4 Unit	3.3.1.5 What was the total cost per hectare of [fertilizer]?	3.3.1.6 The application was manual or mechanical?	3.3.1.7 How did you get it? ENUMERATOR CHECK ALL THAT APPLY	

		sowing per hectare?					
D) Granubor or Boron	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
E) Ammonium sulfate	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
F) Soil improvers	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
G) Other (List)	<input type="checkbox"/> 1. Si <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____

3.3.2 Second fertilization after planting

3.3.2.1 Now I will show you a table with names of chemical fertilizers, can you tell me if you ever applied some of these fertilizers in the second fertilization after sowing? ENUMERATOR: SELECT ONLY THE FERTILIZERS USED	<input type="checkbox"/> A Urea or White <input type="checkbox"/> B DAP or Black <input type="checkbox"/> C KCL o Red <input type="checkbox"/> D Granubor or Boron	<input type="checkbox"/> E Ammonium sulfate <input type="checkbox"/> F Soil improvers <input type="checkbox"/> G Other (SPECIFY) _____ <input type="checkbox"/> I He never used any
3.3.2.2 Did you apply chemical fertilizers at least twice during crop development in the Spring Summer Cycle (YEAR) besides sowing?	<input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No -> → Go to 3.4 WORK	

ENUMERATOR READ: Now I want to ask you about the fertilizers you used in the second fertilization you did after sowing in your plot (Name)_____

[Fertilizer]	3.3.2.3 Used [fertilizer] during the 2nd fertilization after sowing in Summer Spring cycle (year)	3.3.2.4 How much [fertilizer] per hectare was applied during the 2nd fertilization after sowing?	3.3.2.5 Unit	3.3.2.6 What was the total cost per hectare of the [fertilizer]?	3.3.2.7 The application was manual or mechanical?	3.3.2.3 How did you get it? ENUMERATOR CHECK ALL THAT APPLY
---------------------	---	--	--------------	--	---	--

A) Urea or White	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
B) DAP or Black	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
C) KCL or Red	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
D) Granubor or Boron	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
E) Ammonium sulfate	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
F) Soil improvers	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
G) Other (See catalogue)	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____

3.3.3 Third fertilization after sowing

3.3.3.1 Now I will show you a table with names of chemical fertilizers, can you tell me if you ever applied some of these fertilizers in the third fertilization after sowing?	<input type="checkbox"/> A Urea or White <input type="checkbox"/> B DAP or Black <input type="checkbox"/> C KCL o Red <input type="checkbox"/> D Granubor or Boron	<input type="checkbox"/> E Ammonium sulfate <input type="checkbox"/> F Soil improvers <input type="checkbox"/> G Other (SPECIFY)_____ <input type="checkbox"/> I He never used any
3.3.3.2 ENUMERATOR: SELECT ONLY THE FERTILIZERS USED		
3.3.3.3 Did you apply chemical fertilizers at least three times during crop development in the SS C (YEAR) besides sowing?	<input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No -> Go to 3.4 WORK	

ENUMERATOR READ: Now I want to ask you about the fertilizers you used in the third fertilization you did after sowing in your plot (Name)_____

[Fertilizer]	3.3.2.8 Used [fertilizer] during the 3rd fertilization after sowing last year	3.3.3.4 How much [fertilizer] per hectare was applied during the 3rd fertilization after sowing?	3.3.3.5 Unit	3.3.3.6 What was the total cost per hectare of [fertilizer]?	3.3.3.7 The application was manual or mechanical?	3.3.2.4 How did you get it? ENUMERATOR CHECK ALL THAT APPLY	
A) Urea or White	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
B) DAP or Black	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
C) KCL or Red	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
D) Granubor or Boron	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
E) Ammonium sulfate	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
F) Soil improvers	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____
G) Other _____ (List)	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Next Fertilizer <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _	<input type="checkbox"/> 1. Kg/ha <input type="checkbox"/> 2. Pkg 25 kg/ha <input type="checkbox"/> 3. Pkg 50 kg/ha	_ _ _ _ \$/ha	<input type="checkbox"/> 1. Manual <input type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Both	<input type="checkbox"/> 1. Purchased from distributor at normal price in cash <input type="checkbox"/> 2. Government's subsidized price purchase	<input type="checkbox"/> 3. Purchase loan <input type="checkbox"/> 4. Government fertilizer delivery <input type="checkbox"/> 5 Other_____

3.4 Work

ENUMERATOR READ: Now I will ask you to think about all the tasks you did in your plot (Name)_____ in the Spring Summer (year) cycle and tell me how much time and labor it took to perform them.

Producer's ID | | | - | | | - | | |

3.4.1 How many people worked in the tasks carried out during sowing including yourself?	3.4.2 How many people worked in the tasks carried out during crop development including yourself?	3.4.3 How many people worked in the tasks carried out during harvest including yourself?	3.4.4 ENUMERATOR REGISTER THE TOTAL NUMBER OF WORKERS (ADD 3.4.1 to 3.4.3) THIS TOTAL MUST MATCH THE NUMBER OF BOXES MARKED IN QUESTIONS 3.4.5

[NAME]	3.4.5 In which stages of the process did the worker [NAME] help? [ACTIVITY]	3.4.6 How many days did this person work during the activities [ACTIVITIES]? (Include the producer)	3.4.7 What was the average per day payment for [NAME] ?	3.4.8 Is [NAME] a relative or a pawn?
PRODUCER	1 <input type="checkbox"/> sowing		\$ <input type="checkbox"/> -777 I do not pay him	1 <input type="checkbox"/> relative 2 <input type="checkbox"/> unrelated worker 3 <input type="checkbox"/> the producer himself
	2 <input type="checkbox"/> crop development		\$ <input type="checkbox"/> -777 I do not pay him	
	3 <input type="checkbox"/> harvest		\$ <input type="checkbox"/> -777 I do not pay him	
WORKER 1 _____	1 <input type="checkbox"/> sowing		\$ <input type="checkbox"/> -777 I do not pay him	1 <input type="checkbox"/> relative 2 <input type="checkbox"/> unrelated worker 3 <input type="checkbox"/> the producer himself
	2 <input type="checkbox"/> crop development		\$ <input type="checkbox"/> -777 I do not pay him	
	3 <input type="checkbox"/> harvest		\$ <input type="checkbox"/> -777 I do not pay him	
WORKER 2 _____	1 <input type="checkbox"/> sowing		\$ <input type="checkbox"/> -777 I do not pay him	1 <input type="checkbox"/> relative 2 <input type="checkbox"/> unrelated worker 3 <input type="checkbox"/> the producer himself
	2 <input type="checkbox"/> crop development		\$ <input type="checkbox"/> -777 I do not pay him	
	3 <input type="checkbox"/> harvest		\$ <input type="checkbox"/> -777 I do not pay him	
WORKER 3 _____	1 <input type="checkbox"/> sowing		\$ <input type="checkbox"/> -777 I do not pay him	1 <input type="checkbox"/> relative 2 <input type="checkbox"/> unrelated worker 3 <input type="checkbox"/> the producer himself
	2 <input type="checkbox"/> crop development		\$ <input type="checkbox"/> -777 I do not pay him	
	3 <input type="checkbox"/> harvest		\$ <input type="checkbox"/> -777 I do not pay him	
[NAME]	3.4.9 In which stages of the process did the worker [NAME] help? [ACTIVITY]	3.4.10 How many days did this person work during the activities [ACTIVITIES]? (Include the producer)	3.4.11 What was the average per day payment for [NAME] ?	3.4.12 Is [NAME] a relative or a pawn?

Producer's ID | | | - | | | - | | |

WORKER 4 _____	1 <input type="checkbox"/> sowing	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u> \$ <input type="checkbox"/> -777 I do not pay	1 <input type="checkbox"/> relative 2 <input type="checkbox"/> unrelated worker 3 <input type="checkbox"/> the producer himself
	2 <input type="checkbox"/> crop development	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u> \$ <input type="checkbox"/> -777 I do not pay	
	3 <input type="checkbox"/> harvest	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u> \$ <input type="checkbox"/> -777 I do not pay	
WORKER 5 _____	1 <input type="checkbox"/> sowing	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u> \$ <input type="checkbox"/> -777 I do not pay	1 <input type="checkbox"/> relative 2 <input type="checkbox"/> unrelated worker 3 <input type="checkbox"/> the producer himself
	2 <input type="checkbox"/> crop development	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u> \$ <input type="checkbox"/> -777 I do not pay	
	3 <input type="checkbox"/> harvest	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u> \$ <input type="checkbox"/> -777 I do not pay	
WORKER 6 _____	1 <input type="checkbox"/> sowing	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u> \$ <input type="checkbox"/> -777 I do not pay	1 <input type="checkbox"/> relative 2 <input type="checkbox"/> unrelated worker 3 <input type="checkbox"/> the producer himself
	2 <input type="checkbox"/> crop development	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u> \$ <input type="checkbox"/> -777 I do not pay	
	3 <input type="checkbox"/> harvest	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u> \$ <input type="checkbox"/> -777 I do not pay	
WORKER 7 _____	1 <input type="checkbox"/> sowing	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u> \$ <input type="checkbox"/> -777 I do not pay	1 <input type="checkbox"/> relative 2 <input type="checkbox"/> unrelated worker 3 <input type="checkbox"/> the producer himself
	2 <input type="checkbox"/> crop development	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u> \$ <input type="checkbox"/> -777 I do not pay	
	3 <input type="checkbox"/> harvest	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u> \$ <input type="checkbox"/> -777 I do not pay	
WORKER 8 _____	1 <input type="checkbox"/> sowing	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u> \$ <input type="checkbox"/> -777 I do not pay	1 <input type="checkbox"/> relative 2 <input type="checkbox"/> unrelated worker 3 <input type="checkbox"/> the producer himself
	2 <input type="checkbox"/> crop development	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u> \$ <input type="checkbox"/> -777 I do not pay	
	3 <input type="checkbox"/> harvest	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u> \$ <input type="checkbox"/> -777 I do not pay	
WORKER 9 _____	1 <input type="checkbox"/> sowing	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u> \$ <input type="checkbox"/> -777 I do not pay	1 <input type="checkbox"/> relative 2 <input type="checkbox"/> unrelated worker 3 <input type="checkbox"/> the producer himself
	2 <input type="checkbox"/> crop development	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u> \$ <input type="checkbox"/> -777 I do not pay	
	3 <input type="checkbox"/> harvest	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u> \$ <input type="checkbox"/> -777 I do not pay	

3.5 Maize harvest & Production

ENUMERATOR READ: Now we will talk about the harvest and sale of your maize production at plot (*Name*)_____ in the spring-summer cycle of (YEAR)

3.5.1 How many hectares of maize did you harvest in this plot?	3.5.2 How many tons of maize did you harvest in this plot last year in TOTAL? (NOT PER HECTARE)	3.5.3 Due to droughts, pests or other problems, how many tons of maize were lost in this plot last year TOTAL? (NOT PER HECTARE)	3.5.4 Was the harvesting carried out mechanically or manually? CHECK ALL THAT APPLY	3.5.5 Was the thresher own or rented?	3.5.6 What was the threshing cost per hectare?	3.5.7. What was the cost of diesel per hectare?	3.5.8 How many tons of what was produced were sold?	3.5.9 How many times did you carry out sales activities after the harvest [YEAR]?	3.5.10 What was the average sales price per ton?	3.5.11 How much did you pay or spend on transporting your maize from your plot or home to the point of sale in total? (includes cost of gasoline or transport rent and all trips)
_ _ . _ ha	_ _ . _ TN	_ _ . _ TN	<input type="checkbox"/> 1 Mechanical <input type="checkbox"/> 2.Manual -> go to 3.5.8	<input type="checkbox"/> 1.Own →Go to 3.5.7 <input type="checkbox"/> 2.Rent	_ _ _ _ \$/ha	_ _ _ _ \$/ha	_ _ _ _ Ton <input type="checkbox"/> -777 It did not sell -> go to the next section 3.6	_ _ TIMES	_ _ _ _ \$/ton	_ _ _ _ \$

3.6 Governmental support

ENUMERATOR READ: I will now ask questions about the support granted during the SPRING-SUMMER CYCLE IN (YEAR) by the Government

Government Program	3.6.1 Received the program (PROGRAM NAME)	3.6.2 How much money did you receive in total for all your plots?	3.6.3 How much money (from the program) was invested in the plot (NAME)? (ENUMERATOR WRITE 0 IF NO PROGRAM MONEY WAS INVESTED IN THIS PLOT)	3.6.4 How many of the following fertilizers and agrochemicals were received? (ENUMERATOR WRITE IN PKGS OF 50 KG)	3.6.5 How many of the following fertilizers and agrochemicals received were applied in the plot (NAME) in the cycle (YEAR)? (ENUMERATOR WRITE IN PKGS OF 50 KG)
1 Procampo	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Go to the next program <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _ _ _ \$ <input type="checkbox"/> -777 did not receive ->go to 3.6.4	_ _ _ _ \$	<input type="checkbox"/> A Urea or White <input type="checkbox"/> B DAP or Black <input type="checkbox"/> C KCL or Red <input type="checkbox"/> D Granubor or Boron <input type="checkbox"/> E Ammonium sulfate <input type="checkbox"/> F Soil improvers <input type="checkbox"/> G Others _____ <input type="checkbox"/> -777 did not receive support in kind → Go to the next program	<input type="checkbox"/> A Urea or White <input type="checkbox"/> B DAP or Black <input type="checkbox"/> C KCL or Red <input type="checkbox"/> D Granubor or Boron <input type="checkbox"/> E Ammonium sulfate <input type="checkbox"/> F Soil improvers <input type="checkbox"/> G Others _____ <input type="checkbox"/> -777 No in kind support was invested in this plot → Go to the next program

<p>2 PiMAF/High performance</p>	<p><input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Go to the next program</p> <p><input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR</p>	<p> _ _ _ _ _ \$ <input type="checkbox"/> -777 did not receive ->go to 3.6.4</p>	<p> _ _ _ _ _ \$</p>	<p><input type="checkbox"/> A Urea or White <input type="checkbox"/> B DAP or Black <input type="checkbox"/> C KCL or Red <input type="checkbox"/> D Granubor or Boron <input type="checkbox"/> E Ammonium sulfate <input type="checkbox"/> F Soil improvers <input type="checkbox"/> G Others _____ <input type="checkbox"/> -777 did not receive support in kind → Go to the next program</p>	<p> _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs</p>	<p><input type="checkbox"/> A Urea or White <input type="checkbox"/> B DAP or Black <input type="checkbox"/> C KCL or Red <input type="checkbox"/> D Granubor or Boron <input type="checkbox"/> E Ammonium sulfate <input type="checkbox"/> F Soil improvers <input type="checkbox"/> G Others _____ <input type="checkbox"/> -777 No in kind support was invested in this plot → Go to the next program</p>	<p> _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs</p>
<p>3 <input type="checkbox"/> PiMAF / Low performance</p>	<p><input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Go to the next program</p> <p><input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR</p>	<p> _ _ _ _ _ \$ <input type="checkbox"/> -777 did not receive -> go to 3.6.4</p>	<p> _ _ _ _ _ \$</p>	<p><input type="checkbox"/> A Urea or White <input type="checkbox"/> B DAP or Black <input type="checkbox"/> C KCL or Red <input type="checkbox"/> D Granubor or Boron <input type="checkbox"/> E Ammonium sulfate <input type="checkbox"/> F Soil improvers <input type="checkbox"/> G Others _____ <input type="checkbox"/> -777 did not receive support in kind → Go to the next program</p>	<p> _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs</p>	<p><input type="checkbox"/> A Urea or White <input type="checkbox"/> B DAP or Black <input type="checkbox"/> C KCL or Red <input type="checkbox"/> D Granubor or Boron <input type="checkbox"/> E Ammonium sulfate <input type="checkbox"/> F Soil improvers <input type="checkbox"/> G Others _____ <input type="checkbox"/> -777 No in kind support was invested in this plot → Go to the next program</p>	<p> _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs</p>
<p>4 <input type="checkbox"/> Masagro</p>	<p><input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Go to the next program</p> <p><input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR</p>	<p> _ _ _ _ _ \$ <input type="checkbox"/> -777 did not receive ->go to 3.6.4</p>	<p> _ _ _ _ _ \$</p>	<p><input type="checkbox"/> A Urea or White <input type="checkbox"/> B DAP or Black <input type="checkbox"/> C KCL or Red <input type="checkbox"/> D Granubor or Boron <input type="checkbox"/> E Ammonium sulfate <input type="checkbox"/> F Soil improvers <input type="checkbox"/> G Others _____ <input type="checkbox"/> -777 did not receive support in kind → Go to the next program</p>	<p> _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs</p>	<p><input type="checkbox"/> A Urea or White <input type="checkbox"/> B DAP or Black <input type="checkbox"/> C KCL or Red <input type="checkbox"/> D Granubor or Boron <input type="checkbox"/> E Ammonium sulfate <input type="checkbox"/> F Soil improvers <input type="checkbox"/> G Others _____ <input type="checkbox"/> -777 No in kind support was invested in this plot → Go to the next program</p>	<p> _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs</p>
<p>5 <input type="checkbox"/> Agro-incentivos</p>	<p><input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Go to the next program</p> <p><input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR</p>	<p> _ _ _ _ _ \$ <input type="checkbox"/> -777 did not receive ->go to 3.6.4</p>	<p> _ _ _ _ _ \$</p>	<p><input type="checkbox"/> A Urea or White <input type="checkbox"/> B DAP or Black <input type="checkbox"/> C KCL or Red <input type="checkbox"/> D Granubor or Boron <input type="checkbox"/> E Ammonium sulfate <input type="checkbox"/> F Soil improvers</p>	<p> _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs</p>	<p><input type="checkbox"/> A Urea or White <input type="checkbox"/> B DAP or Black <input type="checkbox"/> C KCL or Red <input type="checkbox"/> D Granubor or Boron <input type="checkbox"/> E Ammonium sulfate <input type="checkbox"/> F Soil improvers</p>	<p> _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs _ _ Pkgs</p>

				<input type="checkbox"/> G Others _____ <input type="checkbox"/> -777 did not receive support in kind → Go to the next section 4		<input type="checkbox"/> G Others _____ <input type="checkbox"/> -777 No in kind support was invested in this plot → Go to the next program	
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	Received the program? (PROGRAM NAME)	Which type of seed was offered a subsidy? VIEW CATALOGUE WRITE ALL INDICATED BY THE PRODUCER	Do you know what percentage of the price of the seeds they discounted?	Did you use these seeds in this field [NAME] in [YEAR]?	Which of the following fertilizer were subsidized for you? ENUMERATOR CHECK ALL THAT APPLY	Do you know what percentage of the price of fertilizer were you discounted?	Did you use this fertilizer on his plot [NAME] in [YEAR]?
6 <input type="checkbox"/> Subsidy on fertilizer and seed prices	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Go to the next program <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_ _	_ _ %	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	<input type="checkbox"/> A Urea or White <input type="checkbox"/> B DAP or Black <input type="checkbox"/> C KCL or Red <input type="checkbox"/> D Granubor or Boron <input type="checkbox"/> E Ammonium sulfate <input type="checkbox"/> F Soil improvers <input type="checkbox"/> G Others _____ <input type="checkbox"/> -777 received fertilizer subsidy	_ _ % _ _ % _ _ % _ _ % _ _ % _ _ % _ _ % _ _ %	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2.No <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2.No <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2.No <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2.No <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2.No <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2.No
		_ _	_ _ %	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No		<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2.No	

4. AGRICULTURAL TECHNOLOGY

ENUMERATOR READ: From now on I will ask about your practices, not only in your plot (Name) _____ but *in all your plots.*

4.1. Soil analysis

4.1.1 How much would you be willing to pay for a soil test that provides personalized recommendations on the correct use of fertilizers?	4.1.2 Have you done a soil test sometime before 2015?	4.1.3 Why have you never done a soil test? ENUMERATOR LISTEN AND RECORD ALL THAT APPLY → Go to 4.2. TECHNICAL ASSISTANCE	4.1.4 What was the last year you did one? (year)	4.1.5 How much did it cost (the last year you did one)? (pesos)	4.1.6 Did they make recommendations about fertilization due to the soil analysis, such as how much of each type of fertilizer to apply?	4.1.7 Did you follow the recommendations delivered from the soil analysis (last year you did)?	4.1.8 Why didn't you follow all the recommendations from the soil test? ENUMERATOR LISTEN AND RECORD ALL THAT APPLY
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<p> _ _ _ _ MXN</p> <p><input type="checkbox"/>-888 NS <input type="checkbox"/>-999 NR</p>	<p><input type="checkbox"/> 1. Yes → Go to 4.1.4</p> <p><input type="checkbox"/> 2. No</p> <p><input type="checkbox"/>-888 NS <input type="checkbox"/>-999 NR</p>	<p><input type="checkbox"/> 1. Because I didn't know that it had to be done</p> <p><input type="checkbox"/> 2. Because I do not have money</p> <p><input type="checkbox"/> 3. Because I have no technical advice</p> <p><input type="checkbox"/> 4. Because I've always worked like this</p> <p><input type="checkbox"/> 5. Because I do not see the benefit</p> <p><input type="checkbox"/> 6. There are no places to do it</p> <p><input type="checkbox"/> 7. I do not trust the results</p> <p><input type="checkbox"/> 8. Other Specify</p> <hr/> <p><input type="checkbox"/>-888 NS <input type="checkbox"/>-999 NR</p>	<p> _ _ _ _ </p> <p><input type="checkbox"/>-888 NS <input type="checkbox"/>-999 NR</p>	<p> _ _ _ _ MXN</p> <p><input type="checkbox"/>-888 NS <input type="checkbox"/>-999 NR</p>	<p><input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Go to 4.2 TECHNICAL ASSISTANCE</p> <p><input type="checkbox"/>-888 NS <input type="checkbox"/>-999 NR</p>	<p><input type="checkbox"/> 1. All → Go to 4.2 TECHNICAL ASSISTANCE</p> <p><input type="checkbox"/> 2. Almost all</p> <p><input type="checkbox"/> 3. Some</p> <p><input type="checkbox"/> 4. Few</p> <p><input type="checkbox"/> 5. Any</p> <p><input type="checkbox"/> 6. I was not given recommendation s → Go to 4.2 TECHNICAL ASSISTANCE</p> <p><input type="checkbox"/>-888 NS <input type="checkbox"/>-999 NR</p>	<p><input type="checkbox"/> 1. He did not have enough money to follow</p> <p><input type="checkbox"/> 2. They didn't seem good to me</p> <p><input type="checkbox"/> 3. I considered them too risky</p> <p><input type="checkbox"/> 4. I did not understand the recommendations made</p> <p><input type="checkbox"/> 5. I didn't find the inputs that they requested to apply</p> <p><input type="checkbox"/> 6. Other SPECIFY</p> <hr/> <p><input type="checkbox"/>-888 NS <input type="checkbox"/>-999 NR</p>
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4.2. Technical assistance

<p>4.2.1 How much would you be willing to pay for personalized technical assistance during 3 visits to your plots to learn how to fertilize at sowing, and implement recommendations?</p>	<p>4.2.2 Have you ever received technical assistance sometime before 2015?</p>	<p>4.2.3 Why have you never required technical assistance?</p> <p>ENUMERATOR LISTEN AND RECORD ALL THAT APPLY</p> <p>→ Go to 4.3 hybrid seeds, fertilizers and herbicides</p>	<p>4.2.4 What was the last year in which you received? (year)</p>	<p>4.2.5 How much did it cost (last year it was received) (pesos)</p>	<p>4.2.6 Did the technician make personalized recommendations about fertilization such as how much of each type of fertilizer to apply?</p>	<p>4.2.7 Did you follow the advice given to you (last year you had technical assistance)?</p>	<p>4.2.8 Why didn't you follow all the technician's recommendations?</p> <p>ENUMERATOR LISTEN AND RECORD ALL THAT APPLY</p>
<p> _ _ _ _ MXN</p> <p><input type="checkbox"/>-888 NS <input type="checkbox"/>-999 NR</p>	<p><input type="checkbox"/> 1. Yes → Go to 4.2.4</p> <p><input type="checkbox"/> 2. No</p> <p><input type="checkbox"/>-888 NS <input type="checkbox"/>-999 NR</p>	<p><input type="checkbox"/> 1. Because I didn't know it existed</p> <p><input type="checkbox"/> 2. Because I do not have money</p> <p><input type="checkbox"/> 4. Because I've always worked this way</p> <p><input type="checkbox"/> 5. Because I do not see the benefit</p> <p><input type="checkbox"/> 6. There are no places to hire technicians</p>	<p> _ _ _ _ </p> <p><input type="checkbox"/>-888 NS <input type="checkbox"/>-999 NR</p>	<p> _ _ _ _ MXN</p> <p><input type="checkbox"/>-888 NS <input type="checkbox"/>-999 NR</p>	<p><input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Go to 4.3 SEEDS</p> <p><input type="checkbox"/>-888 NS <input type="checkbox"/>-999 NR</p>	<p><input type="checkbox"/> 1. All→ Go to 4.3</p> <p><input type="checkbox"/> 2. Almost all</p> <p><input type="checkbox"/> 3. Some</p> <p><input type="checkbox"/> 4. Few</p> <p><input type="checkbox"/> 5. Any</p> <p><input type="checkbox"/> 6. I was not given recommenda</p>	<p><input type="checkbox"/> 1. He did not have enough money to follow</p> <p><input type="checkbox"/> 2. They didn't seem good to me</p> <p><input type="checkbox"/> 3. I considered them too risky</p> <p><input type="checkbox"/> 4. I did not understand the recommendations made</p> <p><input type="checkbox"/> 5. I didn't find the inputs that they requested to apply</p> <p><input type="checkbox"/> 6. Other SPECIFY</p> <hr/>

		<input type="checkbox"/> 7. I do not trust the technicians <input type="checkbox"/> 8. Other Specify _____ <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR				tions → Go to 4.3 SEEDS <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	_____ <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR
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4.3. Hybrid seeds, fertilizers and herbicides

4.3.1. Have you used hybrid or improved seeds over the past 5 years?	4.3.2. What was the last year you did? (year)	4.3.3. Have you used chemical fertilizers on your plots over the past 5 years?	4.3.4. What was the last year in which you used? (year)	4.3.5. Have you used foliar fertilizers on your plots over the past 5 years?	4.3.6. What was the last year you did? (year)	4.3.7. Have you used herbicides or pesticides over the past 5 years?	4.3.8. What was the last year you did? (year)
<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Go to 4.3.3 <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	 <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Go to 4.3.5 <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	 <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Go to 4.3.7 <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	 <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Go to next section <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR	 <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR

5. CREDIT AND INSURANCE

ENUMERATOR READ: Now I will ask you about your financial needs to plant in all your plots last year.

5.1. Credit

5.1.1 In the last cycle, did you have enough money to buy the fertilizer and the material you needed for sowing ?	<input type="checkbox"/> 1. Yes → Go to 5.1.3 <input type="checkbox"/> 2.No
5.1.2 How much money per hectare were you missing in order to sow the way you would have wanted?	MXN
5.1.3 Last year did you have enough money to buy the fertilizer and the material that you needed for the maintenance of the crop throughout the cycle ?	<input type="checkbox"/> 1. Yes → Go to 5.1.5 <input type="checkbox"/> 2.No
5.1.4 How much money did you lack to track your plot the way you would have wanted ?	MXN
5.1.5 Did you find everything you wanted to buy?	<input type="checkbox"/> 1. Yes → Go to 5.1.7 <input type="checkbox"/> 2.No
5.1.6 What would you have liked to buy that you didn't find? WRITE ACCORDING TO CATALOGUE IF POSSIBLE IF NOT WRITE ON THE LINE DESIGNATED FOR IT	, , _____

<p>5.1.7 Have you ever, in your entire life, applied for credit or a loan for matters related to agriculture?</p> <p><input type="checkbox"/> 1. Yes → Ir a 5.1.9 <input type="checkbox"/> 2.No</p>	<p>5.1.8 ¿Why not? WRITE ALL → Go to the next section</p> <p><input type="checkbox"/> 1. They ask for many requirements <input type="checkbox"/> 2. Due to high interest rates/ they are expensive <input type="checkbox"/> 3. Doesn't like to be indebted <input type="checkbox"/> 4. He has not had the need <input type="checkbox"/> 5. Acquaintances' bad experiences</p>	<p><input type="checkbox"/> 6. He does not know whom to ask <input type="checkbox"/> 7. Takes a lot of time <input type="checkbox"/> 8. Other SPECIFY _____ <input type="checkbox"/> 9. He didn't have a warranty <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR</p>	<p>5.1.9 How much did you request? (pesos or monetary value of what was requested in kind)</p> <p> __ __ __ __ __ MXN <input type="checkbox"/> -888 N/S <input type="checkbox"/> -999 N/R</p>	<p>5.1.10 Was it granted?</p> <p><input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Go to next section <input type="checkbox"/> 3. it is still pending → Go to next section <input type="checkbox"/> -888 N/S <input type="checkbox"/> -999 N/R</p>	<p>5.1.11 What annual rate they gave you? (percentage) _____%</p> <p><input type="checkbox"/> -888 N/S <input type="checkbox"/> -999 N/R</p>	<p>5.1.12 Could you pay it?</p> <p><input type="checkbox"/> 1. Yes <input type="checkbox"/> 2.No</p>
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5.2 Insurance

<p>5.2.1 Have you ever had agricultural insurance (even if you didn't pay for it)?</p>	<p>5.2.2 When was the last time? (insert year)</p>	<p>5.2.3 What was the cost of the last agricultural insurance? (\$/ha)</p>	<p>5.2.4 What risk factors were covered by the last agricultural insurance? CHECK ALL THAT APPLY</p>	
<p><input type="checkbox"/> 1. Yes <input type="checkbox"/> 2.No → Go to the next section <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR</p>	<p> __ __ __ __ <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR</p>	<p> __ __ __ __ __ MXN <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR</p>	<p><input type="checkbox"/> 1. Frost <input type="checkbox"/> 2. Hail <input type="checkbox"/> 3. Drought <input type="checkbox"/> 4. Winds <input type="checkbox"/> 5. Floods <input type="checkbox"/> 6. Fire</p>	<p><input type="checkbox"/> 7. Plague <input type="checkbox"/> 8. Other SPECIFY _____ <input type="checkbox"/> -888 NS <input type="checkbox"/> -999 NR</p>

6. PREFERENCES

<p>6.1. Do you consider yourself a risk taker? You would say: ENUMERATOR READ CHOICES</p>	<p><input type="checkbox"/> 1. Does not like taking risks <input type="checkbox"/> 2. Almost never take risks <input type="checkbox"/> 3. Sometimes yes sometimes no</p>	<p><input type="checkbox"/> 4. Almost always takes risks <input type="checkbox"/> 5. Always likes to take risks <input type="checkbox"/> -888 Does not know <input type="checkbox"/> -999 NR</p>
<p>6.2. Do you think that if you lost your maize harvest this year and produce less than 1 ton / ha, the supply of food for your family would be jeopardized?</p>	<p><input type="checkbox"/> 1. Yes <input type="checkbox"/> 2.No</p>	<p><input type="checkbox"/> -888 Does not know <input type="checkbox"/> -999 NR</p>

6.3. When you start something, do you usually finish it? ENUMERATOR READ CHOICES	<input type="checkbox"/> 1. Generally, yes <input type="checkbox"/> 2. Sometimes I finish things sometimes I do not <input type="checkbox"/> 3. No, usually I can not finish
6.4. During the past 5 years, have you changed your way of growing maize in order to increase production? For example using another type of seed, fertilizer or machinery.	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No → Go to the next section <input type="checkbox"/> -888 Does not know <input type="checkbox"/> -999 NR
6.5. How did you find out this new technique might be useful?	<input type="checkbox"/> 1. A neighbor told me/ I watched from a neighbor <input type="checkbox"/> 2. An agronomist told me <input type="checkbox"/> 3. The supplies' trader told me <input type="checkbox"/> 4. Other SPECIFY _____ <input type="checkbox"/> -888 Does not know <input type="checkbox"/> -999 NR
6.6. Did the new technique work?	<input type="checkbox"/> 1. Yes → Next section <input type="checkbox"/> 2. No <input type="checkbox"/> -888 Does not know <input type="checkbox"/> -999 NR
6.7. Why not?	<input type="checkbox"/> 1. I didnt do it right <input type="checkbox"/> 2. The rains were not good for the innovation that I made <input type="checkbox"/> 3. I had no money to complete the process correctly <input type="checkbox"/> 4. Other SPECIFY _____ <input type="checkbox"/> -888 Does not know <input type="checkbox"/> -999 NR

7. CONFIDENCE

ENUMERATOR SHOWING THE TABLE OF TRUST ASK:

7.1. How much do you trust each of the following regarding recommendations about how to sow and harvest:

ENUMERATOR READ THE CHOICES

A. Technician	<input type="checkbox"/> 1. I always believe them <input type="checkbox"/> 2. I almost always believe them <input type="checkbox"/> 3. I sometimes believe them <input type="checkbox"/> 4. I almost never believe them <input type="checkbox"/> 5. I never believe them	B. SEFOA	<input type="checkbox"/> 1. I always believe them <input type="checkbox"/> 2. I almost always believe them <input type="checkbox"/> 3. I sometimes believe them <input type="checkbox"/> 4. I almost never believe them <input type="checkbox"/> 5. I never believe them	C. Input supplier	<input type="checkbox"/> 1. I always believe them <input type="checkbox"/> 2. I almost always believe them <input type="checkbox"/> 3. I sometimes believe them <input type="checkbox"/> 4. I almost never believe them <input type="checkbox"/> 5. I never believe them
D. Neighbors	<input type="checkbox"/> 1. I always believe them <input type="checkbox"/> 2. I almost always believe them <input type="checkbox"/> 3. I sometimes believe them <input type="checkbox"/> 4. I almost never believe them <input type="checkbox"/> 5. I never believe them	E. SAGARPA	<input type="checkbox"/> 1. I always believe them <input type="checkbox"/> 2. I almost always believe them <input type="checkbox"/> 3. I sometimes believe them <input type="checkbox"/> 4. I almost never believe them <input type="checkbox"/> 5. I never believe them	F. IPAMPA	<input type="checkbox"/> 1. I always believe them <input type="checkbox"/> 2. I almost always believe them <input type="checkbox"/> 3. I sometimes believe them <input type="checkbox"/> 4. I almost never believe them <input type="checkbox"/> 5. I never believe them

<p>G. Civil Association Qué funciona para el desarrollo (QFD)</p> <p><input type="checkbox"/> 1. I always believe them</p> <p><input type="checkbox"/> 2. I almost always believe them</p> <p><input type="checkbox"/> 3. I sometimes believe them</p> <p><input type="checkbox"/> 4. I almost never believe them</p> <p><input type="checkbox"/> 5. I never believe them</p>				
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<p>7.2. Generally, would you say that most people can be trusted or that you should always be careful when dealing with people? ENUMERATOR: LISTEN AND RECORD</p>	<p><input type="checkbox"/> 1. "most people can be trusted"</p> <p><input type="checkbox"/> 2. "One should always be careful"</p>
<p>7.3. Do you think most people try to take advantage of you if they have the opportunity or they try to be fair to you? ENUMERATOR: LISTEN AND RECORD</p>	<p><input type="checkbox"/> 1. "they will try to take advantage"</p> <p><input type="checkbox"/> 2. "they will try to be fair"</p>
<p>7.4. Would you say that most people try to help others, or that they only care about their own welfare? ENUMERATOR: LISTEN AND RECORD</p>	<p><input type="checkbox"/> 1. "they try to help others"</p> <p><input type="checkbox"/> 2. "they only care about their own welfare"</p>
<p>7.5. Think of a ladder with steps numbered from 0 to 10, where 0 is the worst life possible and 10 the best life possible, what step would you place yourself on?</p>	<p> _____ </p>

8. ENVIRONMENT

ENUMERATOR ASK: Finally, we will ask you some questions about your environment/surroundings:

<p>8.1. Do you think that your neighbors use a lower, equal to or greater fertilizer amount than you?</p>	<p>8.2. Do you think YOUR CLOSEST NEIGHBORS use Hybrid seeds?</p>	<p>8.3. Do you think that YOUR NEIGHBORS do soil analysis?</p>	<p>8.4. Do you think YOUR CLOSEST NEIGHBORS produce a lower, equal or greater quantity per hectare than you?</p>
<p><input type="checkbox"/> 1 Lower</p> <p><input type="checkbox"/> 2 Equal</p> <p><input type="checkbox"/> 3 Greater</p> <p><input type="checkbox"/> -888 Does not know</p> <p><input type="checkbox"/> -999 NR</p>	<p><input type="checkbox"/> 1. Yes</p> <p><input type="checkbox"/> 2. No</p> <p><input type="checkbox"/> -888 Does not know</p> <p><input type="checkbox"/> -999 NR</p>	<p><input type="checkbox"/> 1. Yes</p> <p><input type="checkbox"/> 2. No</p> <p><input type="checkbox"/> -888 Does not know</p> <p><input type="checkbox"/> -999 NR</p>	<p><input type="checkbox"/> 1 Lower</p> <p><input type="checkbox"/> 2 Equal</p> <p><input type="checkbox"/> 3 Greater</p> <p><input type="checkbox"/> -888 Does not know</p> <p><input type="checkbox"/> -999 NR</p>